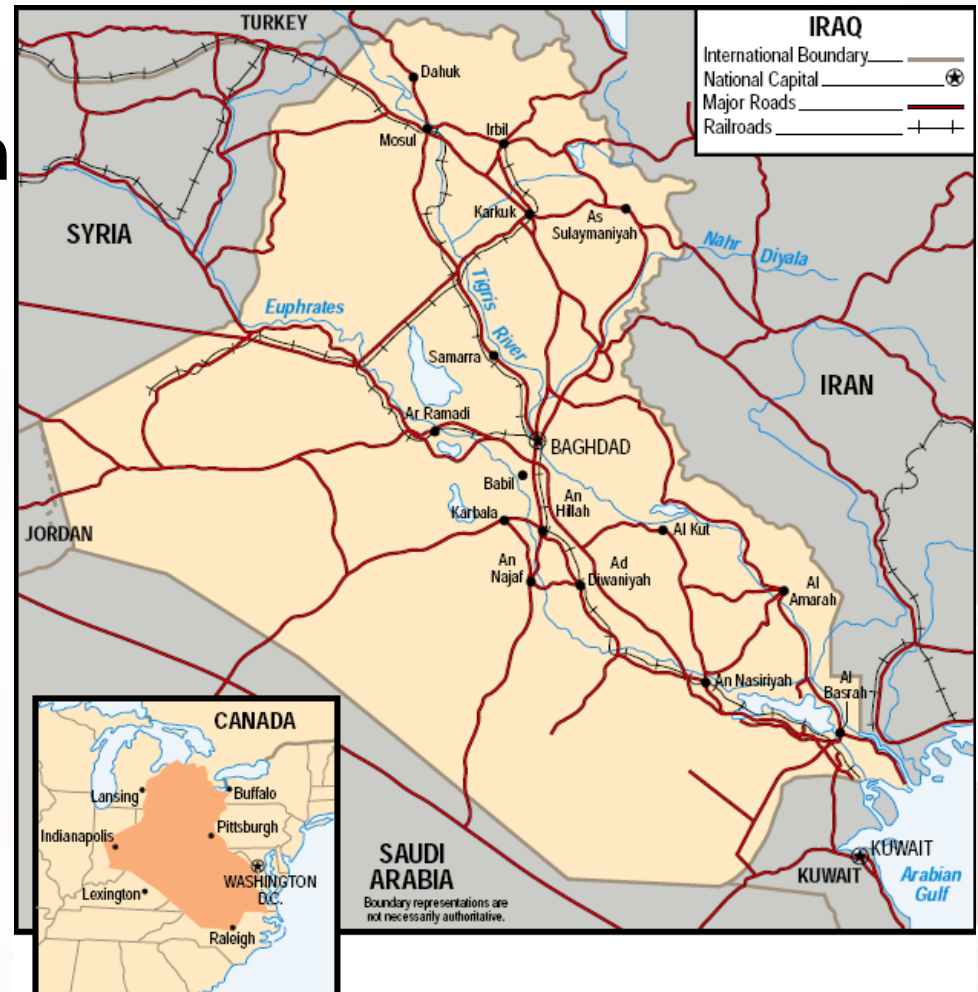


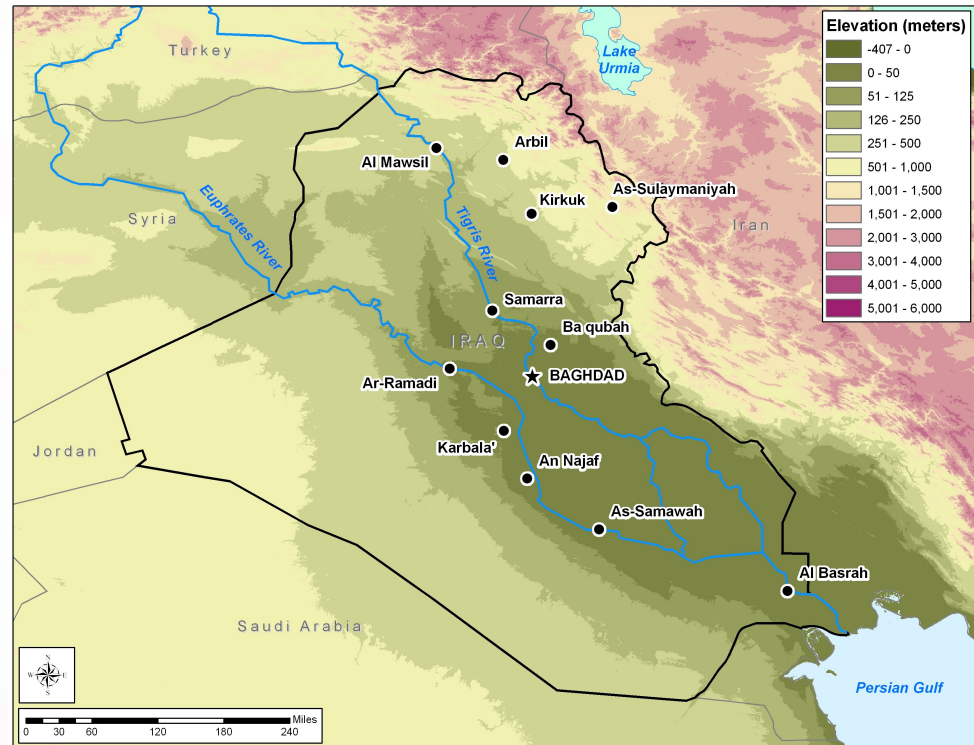
IRAQ

- Plagued by internal & external conflict
- Deteriorated infrastructure



Physical Environment

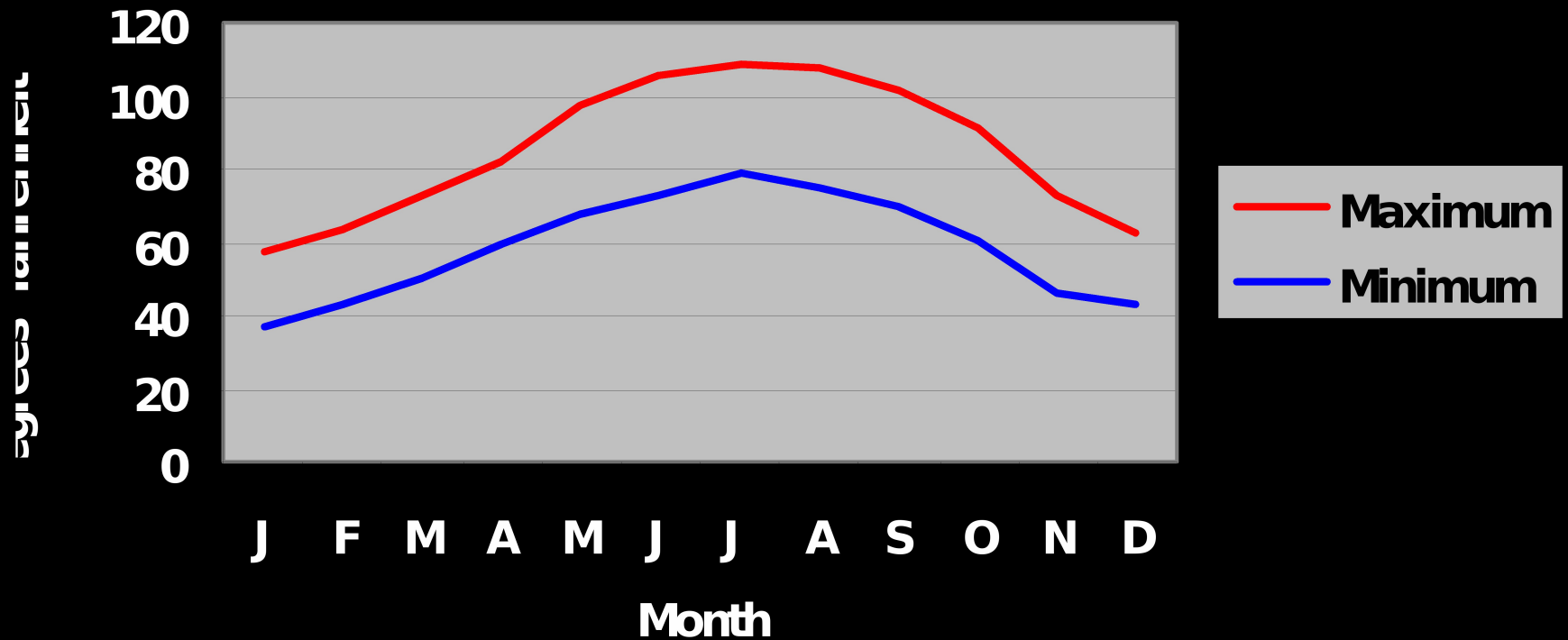
- **Topography**
 - **Broad Desert Plains**
 - **Hills**
 - **Mountains**
- **Climate**
 - **Temp extremes**
 - **122° F day**
 - **37° F night**



Dust and sandstorms occur year-round; most severe between May and October

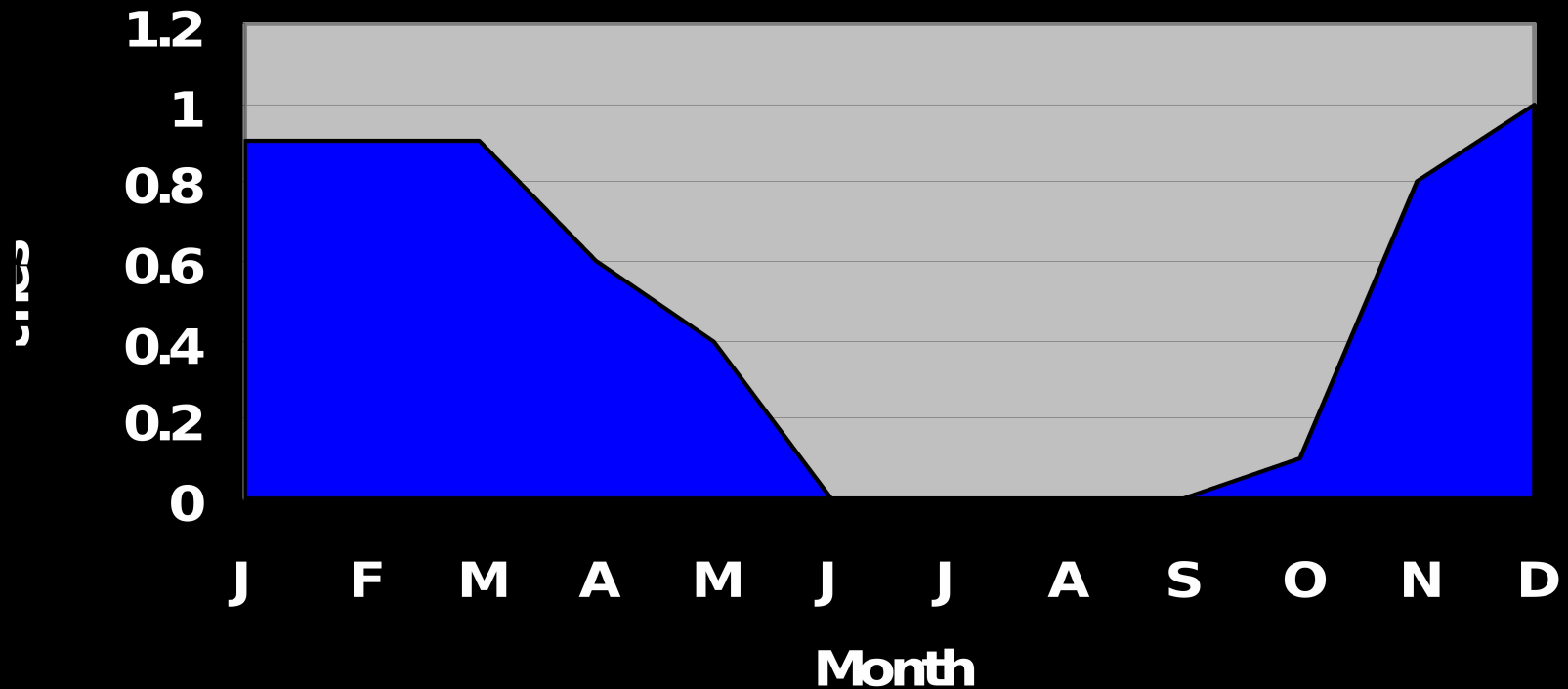
Physical Environment

Average Max/Min Temperature in Baghdad



Physical Environment

Average Total Precipitation in Baghdad



Environmental Health Risk

- **Greatest short-term health risks**
 - Ingestion of food or water contaminated with fecal pathogens.
 - Extreme heat, high altitude, and airborne dust and sand
- **Greatest long term risks are associated with contamination and chemical contamination of food/water**



Infectious Disease Risk

- **INTERMEDIATE RISK** for infectious diseases
- Disease risk will adversely impact mission effectiveness unless force health protection measures are implemented

Infectious Diseases

- Foodborne and Waterborne Diseases
 - **HIGH RISK** = Diarrhea, hep A, typhoid fever
 - **INTERMEDIATE RISK** = brucellosis, cholera, hep E
- FHP Priorities
 - Deploy appropriate PM personnel and equipment
 - Consume food, water, ice only from US-approved sources
 - Operate food preparation facilities in accordance with Army doctrine
 - Ensure proper hand washing facilities near all latrines and dining facilities and enforce

Infectious Diseases Cont.

- Vector-borne Diseases

- **LOW RISK** = Malaria, Leishmaniasis, Crimean-Congo fever, Rickettsioses, Sand-fly fever, Plague, West Nile fever

- FHP Priorities

- Use DEET on all exposed skin
- Treat field uniforms with permethrin
- Use bed nets in field conditions, treat with permethrin
- **Enforce malaria chemoprophylaxis as appropriate**



Infectious Diseases Cont.

- Animal-contact Diseases
 - **INTERMEDIATE RISK** = Avian Influenza, Anthrax, Q-fever, Rabies
- FHP Priorities
 - Avoid animal contact
 - No mascots
 - Report all animal bites and scratches

What not to do!



Infectious Diseases Cont.

- Sexually Transmitted Diseases
 - **INTERMEDIATE RISK** = gonorrhea, chlamydia, HIV, Hep B
- FHP Priorities
 - Avoid sexual contact
 - Use latex condoms if sexually active



Infectious Diseases Cont.

- Water-contact Diseases
 - **INTERMEDIATE RISK** = leptospirosis, schistosomiasis
- FHP Priorities
 - avoid unnecessary contact with lakes, rivers, streams, and other surface water

There will not be a sign like

WARNING!

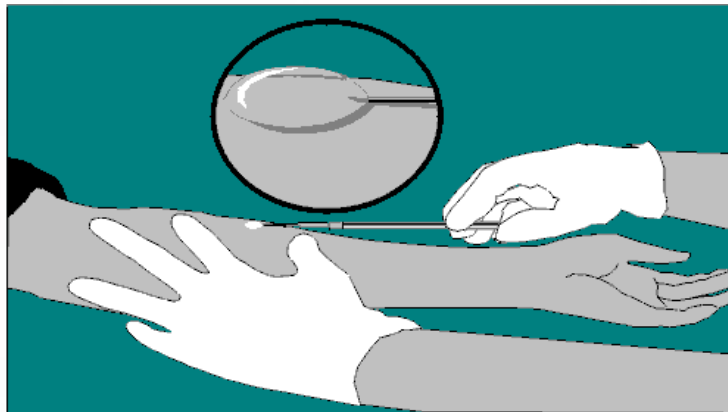
**LEPTOSPIROSIS
HEALTH HAZARD**

FRESH WATER STREAMS AND MUD
POSSIBLY POLLUTED WITH BACTERIA

SWIM, BOAT,
OR HIKE AT YOUR OWN RISK

Infectious Diseases Cont.

- Respiratory Diseases
 - **INTERMEDIATE RISK** = tuberculosis
- FHP Priorities
 - Tuberculin skin test before and after deployment
 - Avoid close contact with local population



Hazardous Animals & Plants

- Animals

- Rabid animals snakes, centipedes, scorpions, spiders



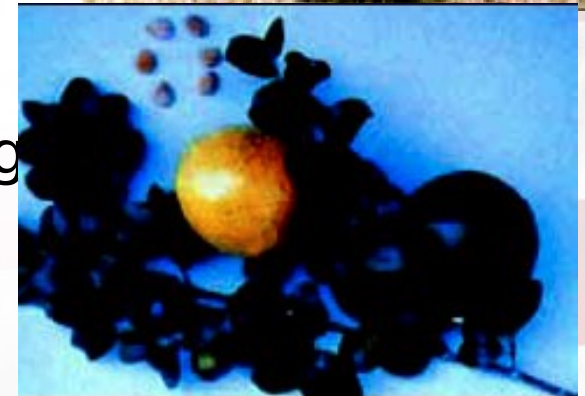
- Plants

- Mole Plant, Belladonna, Strychnine



- FHP Priorities

- Do not handle animals
- Shake out boots, clothing, & bedding
- Do not touch, chew, eat, or burn unfamiliar plants



SUMMARY

- Physical Environment
- Infectious Diseases = **Intermediate Risk**
- Hazardous Animals and Plants
- FHP measures are simple and effective
 - Use and Enforce
 - Will conserve the fighting strength

